

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	534	(564/164).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/01 11:36
L2	227	(564/134).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/01 11:36

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	430	(558/416).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/01 14:28

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	742	(560/29).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/01 15:14
L3	396	(560/37).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/01 15:14

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:28:42 ON 01 AUG 2005

=> d
ENTER NAME OF ITEM TO BE DISPLAYED OR (?):file casreact
'FILE' IS NOT VALID HERE

For an explanation, enter "HELP DISPLAY".

=> file casreact		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CASREACT' ENTERED AT 11:29:11 ON 01 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 31 Jul 2005 VOL 143 ISS 5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

* CASREACT now has more than 9.2 million reactions *
* *

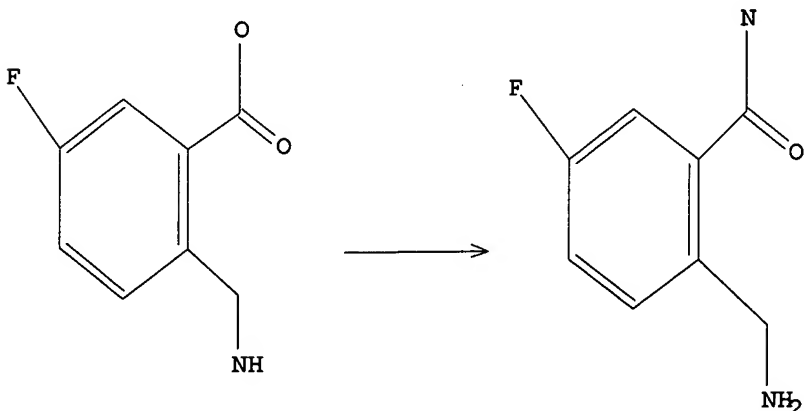
Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Program Files\Stnexp\Queries\10797496.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:29:33 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM

0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS

0 DOCS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 ful

FULL SEARCH INITIATED 11:29:44 FILE 'CASREACT'

SCREENING COMPLETE - 10 REACTIONS TO VERIFY FROM

2 DOCUMENTS

100.0% DONE 10 VERIFIED 1 HIT RXNS

1 DOCS

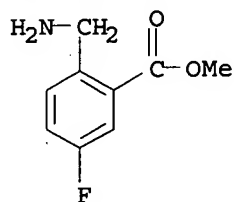
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1 (1 REACTIONS)

=> d

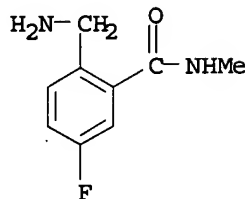
L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

RX(7) OF 15 - 2 STEPS



HCl

1.1. (Boc)2O,
N-Methylmorpholine,
PhMe
1.2. MeNH2, Water
1.3. MeNH2, PhMe
2. HCl, AcOEt



HCl

91%

REF: U.S. Pat. Appl. Publ., 2004220273, 04 Nov 2004

=>

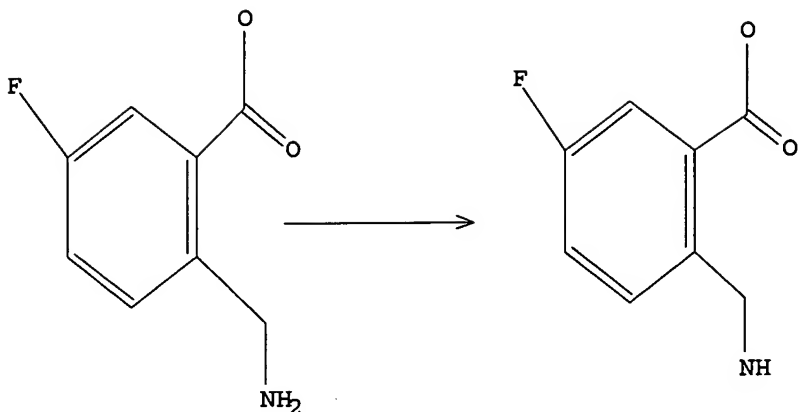
Uploading C:\Program Files\Stnexp\Queries\0797496.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 11:33:06 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4 (0 REACTIONS)

=> s l4 ful

FULL SEARCH INITIATED 11:33:31 FILE 'CASREACT'

SCREENING COMPLETE - 18 REACTIONS TO VERIFY FROM 6 DOCUMENTS

100.0% DONE 18 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.06

L6 0 SEA SSS FUL L4 (0 REACTIONS)

=>

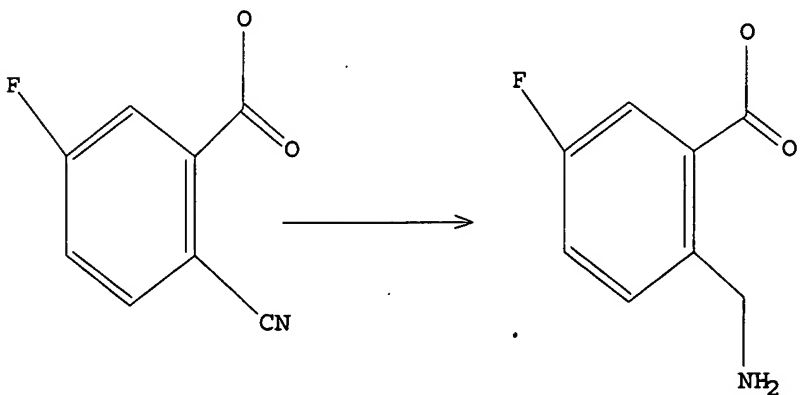
Uploading C:\Program Files\Stnexp\Queries\797496.str

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 17

SAMPLE SEARCH INITIATED 11:35:15 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7 (0 REACTIONS)

=> s 17 ful

FULL SEARCH INITIATED 11:35:20 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7 (0 REACTIONS)

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:41:57 ON 01 AUG 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21	0.21
------	------

FILE 'REGISTRY' ENTERED AT 11:42:05 ON 01 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

DICTIONARY FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

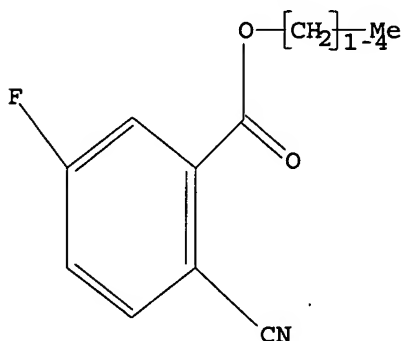
Uploading C:\Program Files\Stnexp\Queries\97496.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 11:42:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

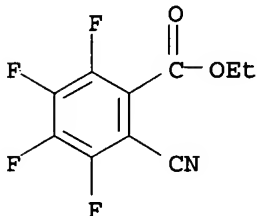
=> s l1 ful
FULL SEARCH INITIATED 11:42:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 133538-51-9 REGISTRY
ED Entered STN: 03 May 1991
CN Benzoic acid, 2-cyano-3,4,5,6-tetrafluoro-, ethyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C10 H5 F4 N O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	163.17	163.38

FILE 'CAPLUS' ENTERED AT 11:42:44 ON 01 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December

26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 1 Aug 2005 VOL 143 ISS 6
FILE LAST UPDATED: 31 Jul 2005 (20050731/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l3

L4 1 L3

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:206809 CAPLUS

DN 114:206809

TI Preparation of 2,3,4,5-tetrafluoro-6-cyanobenzoate esters

IN Hackenbruch, Joachim; Papenfuhs, Theodor

PA Hoechst A.-G., Germany

SO PCT Int. Appl., 14 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	----	-----	-----
PI	WO 9100266	A1	19910110	WO 1990-EP1004	19900625
	W: CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	DE 3921240	A1	19910124	DE 1989-3921240	19890629
PRAI	DE 1989-3921240	A	19890629		
OS	CASREACT 114:206809; MARPAT 114:206809				

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.00

165.38

FILE 'REGISTRY' ENTERED AT 11:43:48 ON 01 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

DICTIONARY FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *

* available and contains the CA role and document type information. *
*

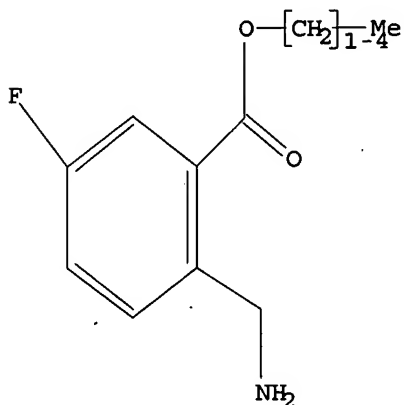
Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\7496.str

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l5
SAMPLE SEARCH INITIATED 11:44:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 11 TO 389
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s l5 ful
FULL SEARCH INITIATED 11:44:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 198 TO ITERATE

100.0% PROCESSED 198 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L7 0 SEA SSS FUL L5

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:22:53 ON 01 AUG 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:23:03 ON 01 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

DICTIONARY FILE UPDATES: 29 JUL 2005 HIGHEST RN 857722-60-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

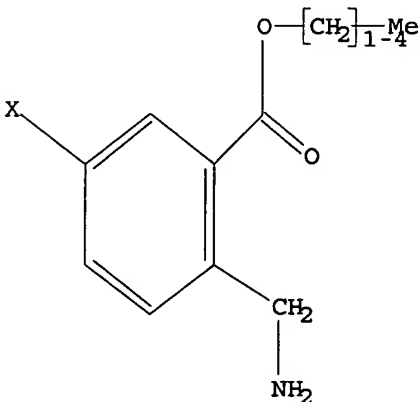
Uploading C:\Program Files\Stnexp\Queries\496.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 14:23:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 88 TO ITERATE

100.0% PROCESSED 88 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1198 TO 2322
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 14:23:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2046 TO ITERATE

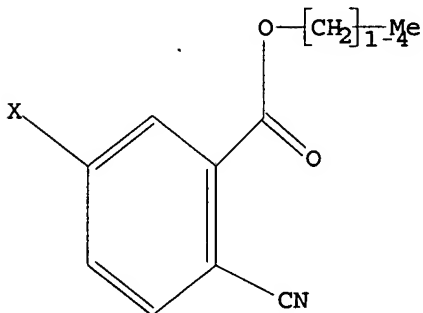
100.0% PROCESSED 2046 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\96.str

L4 STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4
SAMPLE SEARCH INITIATED 14:24:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 32 TO ITERATE

100.0% PROCESSED 32 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

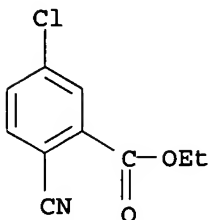
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 301 TO 979
PROJECTED ANSWERS: 1 TO 80

L5 1 SEA SSS SAM L4

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 127510-90-1 REGISTRY
 ED Entered STN: 08 Jun 1990
 CN Benzoic acid, 5-chloro-2-cyano-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C10 H8 Cl N O2
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l4 ful
 FULL SEARCH INITIATED 14:24:49 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 701 TO ITERATE

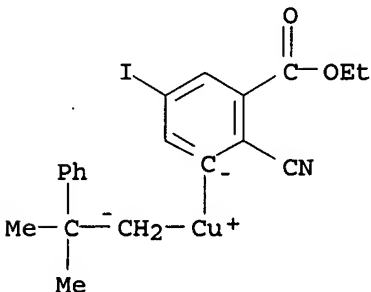
100.0% PROCESSED 701 ITERATIONS
 SEARCH TIME: 00.00.01

8 ANSWERS

L6 8 SEA SSS FUL L4

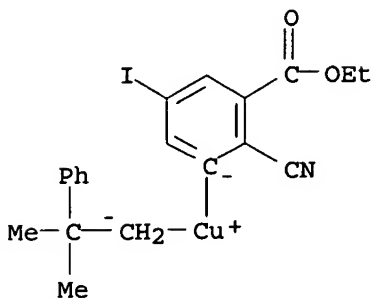
=> d l6 1-8

L6 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 737752-49-7 REGISTRY
 ED Entered STN: 02 Sep 2004
 CN Cuprate(1-), [2-cyano-3-(ethoxycarbonyl)-5-iodophenyl] (2-methyl-2-phenylpropyl)- (9CI) (CA INDEX NAME)
 MF C20 H20 Cu I N O2
 CI CCS, COM
 SR CA



L6 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 524961-10-2 REGISTRY
 ED Entered STN: 04 Jun 2003
 CN Cuprate(1-), [2-cyano-3-(ethoxycarbonyl)-5-iodophenyl] (2-methyl-2-phenylpropyl)-, lithium (9CI) (CA INDEX NAME)
 MF C20 H20 Cu I N O2 . Li
 CI CCS

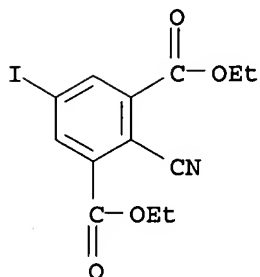
SR CA
LC STN Files: CA, CAPLUS
CRN (737752-49-7)



● Li^+

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

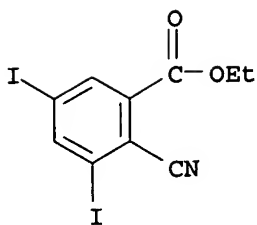
```
L6 ANSWER 3 OF 8  REGISTRY  COPYRIGHT 2005 ACS on STN
RN 524931-78-0  REGISTRY
ED Entered STN: 04 Jun 2003
CN 1,3-Benzenedicarboxylic acid, 2-cyano-5-iodo-, diethyl ester (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C13 H12 I N O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT
```



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

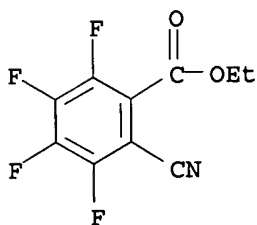
```
L6 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
RN 524931-70-2 REGISTRY
ED Entered STN: 04 Jun 2003
CN Benzoic acid, 2-cyano-3,5-diiodo-, ethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C10 H7 I2 N O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

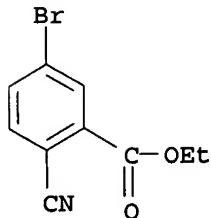
L6 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
RN 133538-51-9 REGISTRY
ED Entered STN: 03 May 1991
CN Benzoic acid, 2-cyano-3,4,5,6-tetrafluoro-, ethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C10 H5 F4 N O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

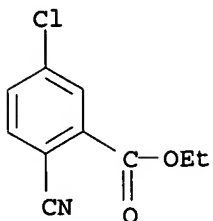
L6 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
RN 127510-93-4 REGISTRY
ED Entered STN: 08 Jun 1990
CN Benzoic acid, 5-bromo-2-cyano-, ethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C10 H8 Br N O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

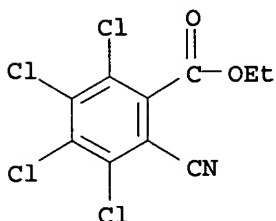
L6 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 127510-90-1 REGISTRY
 ED Entered STN: 08 Jun 1990
 CN Benzoic acid, 5-chloro-2-cyano-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C10 H8 Cl N O2
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 34643-36-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C10 H5 Cl4 N O2
 LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	340.08	340.29

FILE 'CAPLUS' ENTERED AT 14:25:33 ON 01 AUG 2005
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December

26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 1 Aug 2005 VOL 143 ISS 6
FILE LAST UPDATED: 31 Jul 2005 (20050731/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 16

L7 8 L6

=>

=> d 17 1-8

L7 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:213296 CAPLUS

DN 138:385127

TI Successive Iodine-Magnesium or -Copper Exchange Reactions for the
Selective Functionalization of Polyhalogenated Aromatics

AU Yang, Xiaoyin; Rotter, Thomas; Piazza, Claudia; Knochel, Paul

CS Department Chemie, Ludwig-Maximilians-Universitaet, Munich, 81377, Germany

SO Organic Letters (2003), 5(8), 1229-1231

CODEN: ORLEF7; ISSN: 1523-7060

PB American Chemical Society

DT Journal

LA English

OS CASREACT 138:385127

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:742072 CAPLUS

DN 133:309907

TI Preparation of nitrogen-containing heterocyclic compounds and benzamide
compounds as hypolipidemics and antiarteriosclerotics

IN Ohkura, Naoto; Hiraiwa, Yukiko; Matsushima, Tetsuya; Sasaki, Kazue;
Yamamoto, Takehiro; Shiotani, Masaharu; Suzuki, Shigeki; Nakatani, Yuuko;
Kuroda, Chizuko; Nagasawa, Mieko; Katano, Kiyooki

PA Meiji Seika Kaisha, Ltd., Japan

SO PCT Int. Appl., 284 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061556	A1	20001019	WO 2000-JP2329	20000410
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2369103	AA	20001019	CA 2000-2369103	20000410
	BR 200009650	A	20020102	BR 2000-9650	20000410
	EP 1180514	A1	20020220	EP 2000-915465	20000410
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			

AU 779550	B2	20050127	AU 2000-36759	20000410
US 6777414	B1	20040817	US 2001-958296	20011005
US 2004224959	A1	20041111	US 2004-868006	20040616
PRAI JP 1999-102559	A	19990409		
JP 1999-118490	A	19990426		
JP 1999-119043	A	19990427		
WO 2000-JP2329	W	20000410		
US 2001-958296	A3	20011005		

OS MARPAT 133:309907

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1993:22172 CAPLUS

DN 118:22172

TI Novel spirosuccinimides with incorporated isoindolone and benzisothiazole 1,1-dioxide moieties as aldose reductase inhibitors and antihyperglycemic agents

AU Wrobel, Jay; Dietrich, Arlene; Woolson, Shiela A.; Millen, Jane; McCaleb, Michael; Harrison, Maria C.; Hohman, Thomas C.; Sredy, Janet; Sullivan, Donald

CS Wyeth-Ayerst Res., Inc., Princeton, NJ, 08543-8000, USA

SO Journal of Medicinal Chemistry (1992), 35(24), 4613-27
CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:206809 CAPLUS

DN 114:206809

TI Preparation of 2,3,4,5-tetrafluoro-6-cyanobenzoate esters

IN Hackenbruch, Joachim; Papenfuhs, Theodor

PA Hoechst A.-G., Germany

SO PCT Int. Appl., 14 pp.
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9100266	A1	19910110	WO 1990-EP1004	19900625
	W: CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	DE 3921240	A1	19910124	DE 1989-3921240	19890629
PRAI	DE 1989-3921240	A	19890629		
OS	CASREACT 114:206809; MARPAT 114:206809				

L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1990:423900 CAPLUS

DN 113:23900

TI Preparation of novel spirosuccinimide derivatives as aldose reductase inhibitors and antihyperglycemic agents

IN Wroel, Jay E.

PA American Home Products Corp., USA

SO U.S., 19 pp.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 4900739	A	19900213	US 1988-260149	19881020
	US 4946858	A	19900807	US 1989-373016	19890628
PRAI	US 1988-260149	A3	19881020		
OS	CASREACT 113:23900; MARPAT 113:23900				

L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1988:167126 CAPLUS

DN 108:167126

TI Preparation of alkyl tetrachloro-2-cyanobenzoates
IN Von der Crone, Jost; Overney, Gonzague; Dario, Peter
PA Ciba-Geigy A.-G., Switz.
SO Ger. Offen., 4 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3700675	A1	19870716	DE 1987-3700675	19870112
	DE 3700675	C2	19951005		
	CH 664954	A	19880415	CH 1986-143	19860115
	US 4978768	A	19901218	US 1987-1311	19870108
	JP 62169755	A2	19870725	JP 1987-1964	19870109
	JP 07023351	B4	19950315		
	FR 2601005	A1	19880108	FR 1987-253	19870113
	FR 2601005	B1	19900622		
	GB 2185482	A1	19870722	GB 1987-775	19870114
	GB 2185482	B2	19891025		
PRAI	CH 1986-143	A	19860115		
OS	CASREACT 108:167126				

L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1972:14134 CAPLUS
DN 76:14134
TI Alkyl o-cyanotetrahalobenzoates
IN Von der Crone, Jost; Pugin, Andre; Gauer, Theodor
PA Ciba-Geigy A.-G.
SO Ger. Offen., 15 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2112778	A	19711007	DE 1971-2112778	19710317
	DE 2112778	C3	19800508		
	DE 2112778	B2	19790830		
	CH 526516	A	19720815	CH 1970-526516	19700318
	US 3803202	A	19740409	US 1971-119823	19710301
	DK 127596	B	19731203	DK 1971-1230	19710315
	NL 7103585	A	19710921	NL 1971-3585	19710317
	NL 169464	B	19820216		
	NL 169464	C	19820716		
	FR 2084739	A5	19711217	FR 1971-9307	19710317
	JP 50001263	B4	19750116	JP 1971-14685	19710317
	GB 1319731	A	19730606	GB 1971-24451	19710419
PRAI	CH 1970-4057	A	19700318		

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1939:1141 CAPLUS
DN 33:1141
OREF 33:176g-i,177a

TI Cyclic cyano compounds
PA I. G. Farbenindustrie AG
DT Patent
LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 828202		19380512	FR	